

ABSTRACT OF THE DISCLOSURE

Load balancing method and system for balancing a processing load in a network, wherein load balancer upon receiving a client request selects one of a plurality of processing servers for serving the request. The selection of a processing server may be based on a location of a client and a processing server. The load balancer may comprise a load balancing master and a plurality of load balancing slaves, wherein the load balancing slaves receive client requests and transmit a selection request message to the load balancing master. The load balancing master selects a load balancing slave and/or a processing server for serving the request and generates a corresponding instruction message. The client request is served by the selected load balancing slave and the selected processing server by establishing a communication link between the client and the processing server. Service may involve execution of applications on the selected processing server under control of the client, for example word processors, scientific applications and similar.